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GJC3 Antibody (C-term) Blocking Peptide

Synthetic peptide
Catalog # BP17731b

Specification

GJC3 Antibody (C-term) Blocking Peptide - Product Information

Primary Accession Q8NFK1

GJC3 Antibody (C-term) Blocking Peptide - Additional Information

Gene ID 349149

Other Names
Gap junction gamma-3 protein, Connexin-302, Cx302, Connexin-313, Cx313, Gap junction epsilon-1 protein, GJC3, GJE1

Format
Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions
This product is for research use only. Not for use in diagnostic or therapeutic procedures.

GJC3 Antibody (C-term) Blocking Peptide - Protein Information

Name GJC3

Synonyms GJE1

Function
One gap junction consists of a cluster of closely packed pairs of transmembrane channels, the connexons, through which materials of low MW diffuse from one cell to a neighboring cell.

Cellular Location
Cell membrane; Multi-pass membrane protein. Cell junction, gap junction

Tissue Location
CNS specific. Expression is restricted to brain, spinal cord, and sciatic nerve. According to PubMed:12881038, expression is abundant in skeletal muscle, liver, and heart, and to a minor degree in pancreas and kidney.

GJC3 Antibody (C-term) Blocking Peptide - Protocols

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Provided below are standard protocols that you may find useful for product applications.

- Blocking Peptides

GJC3 Antibody (C-term) Blocking Peptide - Images

GJC3 Antibody (C-term) Blocking Peptide - Background

This gene encodes a gap junction protein. The encodedprotein, also known as a connexin, plays a role in formation of gapjunctions, which provide direct connections between neighboringcells. Mutations in this gene have been reported to be associatedwith nonsyndromic hearing loss.

GJC3 Antibody (C-term) Blocking Peptide - References

Yang, J.J., et al. Hum. Genet. 128(3):303-313(2010)Ramchander, P.V., et al. Genet Test Mol Biomarkers 14(4):539-541(2010)Hong, H.M., et al. Hum. Genet. 127(2):191-199(2010)Wang, W.H., et al. Audiol. Neurootol. 15(2):81-87(2010)Sargiannidou, I., et al. Neurobiol. Dis. 30(2):221-233(2008)